

DIESEL PRIMING TWO-PHASE DETECTOR

SODEREL



More than 40 years at your service



DIESEL PRIMING

General principle

After the fuel filling, Diesel vehicles are primed in order to be started in the end of assembly line.

On the machines of fluid starting, the used principles are in general an evacuation or a negative pressure applying on the circuit to be filled.

The priming of the circuit can be declared satisfactory when a quantity of fluid is obtained in a trap. This operation of aspiration can appear very long to implement.

A solution to decrease this cycle time is to use a phase detector which stops the aspiration as soon as the fluid comes to the adapter. The priming time is optimized for each vehicle, and the possible drifts are taken into account.

The diesel priming adapter

The integration of an electronic phase detector in the adapter for the diesel priming allows to detect the diesel oil flow in the adapter in order to optimize the priming time.

. Advantages

- Stop of the priming as soon as the change of the fluid from the emulsion to the liquid state is detected
- Minimized time for priming
- Guarantee of priming
- No gas oil loss

. Adapter composition

The adapter is made up of:

- a two-phase detector
- a filter
- a quick release coupling

